

BENCH MARK DESCRIPTION
AND ELEVATION
PORTER COUNTY

FEET NGVD 1929

USC&GS BM H 139

In Porter County, Indiana, about 2.25 miles south along State Roads 2 and 53 from the Pennsylvania Railroad Station at Hebron, thence about 0.5 mile west along State Road 2, about 0.5 mile east of the Porter-Lake County line, set at the north end of a row of hedge trees between two cultivated fields, 28 ft. south of the centerline of the highway, 10.5 feet west of a corner fence post at a T-fence leading south, 1 foot north of the fence line, 2 feet east of a white wooden witness post, about level with the highway, and set in the top of a conc. post projecting 6", a standard USC&GS bronze tablet, stamped "H 139 1946". 670.392

TBM K 24

In Porter County, Indiana, about 3.1 miles south along State Road 53 from the Pennsylvania Railroad Station at Hebron, in the northeast corner of sec. 34, T. 33 N., R. 7 W., 350 feet south of the entrance to Blake Morrow's farm, 180 feet north of the north end of a highway guardrail, 19 feet west of the centerline of the highway, a railroad spike driven vertically 0.5 foot above the ground in a root on the east side of a 27-inch black Walnut tree. 654.526

TBM K 28-1

In Porter County, Indiana, about 4.4 miles south along State Road 53 from the Pennsylvania Railroad Station at Hebron, at the Porter-Jasper County line, at the State Road 53 bridge over the Kankakee River, on top of the west end of the north concrete pier, 0.7 foot south of and 0.5 foot west of the northwest anchor bolt, a chiseled square. Original 1954 elevation superseded ~~649.832~~ 649.766

BM POR 1

In Porter County, Indiana, about 4.4 miles south along State Road 53 from the Pennsylvania Railroad Station at Hebron, at the Porter-Jasper County line at the State Road 53 bridge over the Kankakee River, on the northeast pier cap, 1.0 foot north of the northeast bridge seat, 1.0 foot east of the end of the north concrete floor beam, 3.7 feet above the ground, 8.6 feet below the south end of the northeast concrete guardrail, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 1 1950". Original 1954 elevation superseded ~~649.846~~ 649.781

BM POR 2

In Porter County, Indiana, about 2.25 miles south along State Road 2 and 53 from the Pennsylvania Railroad Station at Hebron to a gravel road east and State Road 2 west, thence about 0.7 mile east to a county road leading south, thence about 1.4 miles south at the Porter-Jasper County line, at a 120-foot 2-span steel pony truss bridge over the Kankakee River, set in the top of the northwest wingwall, 9.9 feet west of and level with the centerline of the roadway, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 2 1950". Original 1954 elevation superseded ~~650.926~~ 650.737

USC&GS BM K 141

In Porter County, Indiana, about 4.55 miles west along State Road 8 from its intersection of State Road 49 at Kouts, set in the southwest quarter of the intersection of a gravel road south and a blacktop road north, 38 feet west of the north-south road, 28 feet south of the centerline of the highway, 18.5 feet west of a fence corner post, 2 feet east of a white wooden witness post, about 2 feet below the intersection, and set in the top of a concrete post projecting 6 inches, a standard USC&GS bronze tablet, stamped "K 141 1946".

676.849

TBM K 30-1

In Porter County, Indiana, about 4.55 miles west along State Road 8 from its intersection of State Road 49 at Kouts to the intersection of a gravel road south and a blacktop road north, thence about 2.4 miles south along the gravel road, at the Porter-Jasper County line, at a 110-foot steel truss bridge over the Kankakee River, on the southeast corner of the east wingwall, a chiseled square. Original 1954 elevation superseded

~~657.204~~

657.126

BM POR 3

In Porter County, Indiana, about 4.55 miles west along State Road 8 from its intersection of State Road 49 at Kouts to the intersection of a gravel road south and a blacktop road north, thence about 2.4 miles south along the gravel road, at the Porter-Jasper County line, at a 110-foot steel truss bridge over the Kankakee River, set in the top of the east wingwall, 11 feet southeast of and level with the centerline of the roadway, 1.9 feet from the south edge of the wingwall, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 3 1950". Original 1954 elevation superseded ~~657.236~~

Third Order 657.34

USC&GS BM N 141

In Porter County, Indiana, about 1.55 miles west along State Road 8 from its intersection of State Road 49 at Kouts, about 0.35 mile west of the entrance to the Kouts Cemetery, set in the northwest quarter of a north-south gravel road crossing, 123 feet south of the centerline of the driveway leading to a brown imitation brick house, 37 feet west of the centerline of the gravel road, 29 feet north of the centerline of the highway, 9 feet west of a corner fence post, 2 feet east of a white wooden witness post, about level with the highway, and set in the top of a concrete post projecting 6 inches, a standard USC&GS bronze tablet, stamped "N 141 1946".

681.879

TBM K 27

In Porter County, Indiana, about 1.55 miles west along State Road 8 from its intersection at State Road 49 at Kouts, thence about 2.2 miles southwest along a blacktop road, in the SW ¼ of the SE ¼ of sec. 23, T. 33 N., R. 6 W., 25 feet east of the centerline of the roadway, 6 feet east of a fence line, a railroad spike driven horizontally 0.5 foot above the ground on the west side of a 28-inch oak tree.

664.811

TBM K 28

In Porter County, Indiana, about 1.55 miles west along State Road 8 from its intersection of State Road 49 at Kouts road, thence about 2.9 miles southwest along a blacktop road, in the southeast quarter of the intersection with an east-west gravel road, 36 feet south of the centerline of the east-west road, 21 feet east of the centerline of the blacktop road, 21 feet east of the centerline of the blacktop road, a railroad spike driven vertically 0.5 foot above the ground in a root on the west side of a 36-inch elm tree. 662.965

USC&GS BM N 143

In Porter County, Indiana, about 4.7 miles south along State Road 49 from its junction with State Road 8 at Kouts, set in the top of the southeast end of the northeast abutment of the highway bridge over the Kankakee River, 18 feet southeast and about 8 inches higher than the centerline of the highway, 3 feet southeast of the steel bridge railing, a standard USC&GS bronze tablet, stamped "N 143 1946". 666.803

BM POR 5

In Porter County, Indiana, about 1.5 miles north of the center of Garyton, 0.1 mile east along U.S. Highway 20 from the Lake-Porter County Line, at the U.S. Highway 20 from the Lake-Porter County Line, at the U.S. Highway 20 Bridge over Burns Ditch, 27 feet north of the centerline of the highway, 1.0 foot above the roadway, 0.6 foot west of the face of the west abutment, set in the top of the north end of the west abutment, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 5 1955".

Mark Found Sept. 23, 1988 J.C.S.

599.412

TBM BD 7

In Porter County, Indiana, about 1.5 miles north of the center of Garyton, 0.1 mile east along U.S. Highway 20 from the Lake-Porter County Line, at the U.S. highway 20 Bridge over Burns Ditch, 30 feet south of the centerline of the highway, 0.9 foot above the roadway, 0.8 foot east of the face of the east abutment, a chiseled square. 599.358

BM POR 6

In Porter County, Indiana, about 2 miles northeast of the center of Garyton, 1.4 miles northwest of Crisman, 1.5 east along U.S. Highway 20 from the Lake-Porter County Line, thence 0.6 mile north of the Isley Marine Service Building at Burns Ditch, set vertically in the east wall of the building, 44 feet west of the centerline of the road, 12.9 feet north of the southeast corner of the building, 2.1 feet above the ground, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 6 1955". 597.415

TBM BD 8

In Porter County, Indiana, 0.8 mile southeast of Ogden Dunes, 2.2 miles north of Crisman, about 2.5 miles east along U.S. Highway 12 from the Lake-Porter County Line, 200 feet north of the U.S. Highway 12 bridge over Burns Waterway, at the second railroad bridge north of the U.S. Highway 12 Bridge, at the New York Central Railroad Bridge over Burns Waterway, 9.5 feet south of the south rail of the tracks, 1.2 feet below the top of the rail, 0.5 foot from the end of the southwest wingwall, on the top of the wingwall, a chiseled square. 610.710

BM POR 7

In Porter County, Indiana, 0.8 mile southeast of Ogden Dunes, 2.2 miles north of Crisman, about 2.5 miles east of the Lake-Porter County Line, 0.3 mile north of U.S. Highway 12, at the 2nd. RR bridge N. of the US 12 bridge over Burns Waterway 9.2' N of the N rail of the tracks; 1.2' below the tracks; 1' E of the W end of the NW wingwall set in the top of the wingwall; a standard IFC&WRC disk stamped POR 7 1955 604.671

BM POR 8

In Porter County, Indiana, 3.8 miles north of Crisman, 0.4 mile east of Ogden Dunes, at the Gary Boat Club Building, 100 feet west of the west edge of Burns Waterway, at Lake Michigan, set vertically in the west side of the building, 2.8 feet above the sidewalk, immediately south of the stairs of the second floor entrance to the building, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 8 1955". *Not Found* 590.640

TBM BD 10

In Porter County, Indiana, 3.8 miles north of Crisman, 1.0 mile east of Ogden Dunes, 0.3 mile east of Burns Waterway, 0.1 mile south of Lake Michigan, about 3.4 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence north along a road leading to Lake Michigan, at the end of the road, 25 feet west of the centerline of the road, in the west side of an 11-inch tree, in tree nearest Lake Michigan in line with a fence on the west side of the road, 1.0 foot above the ground a railroad spike. 586.481

USC&GS BM B 19 RESET

In Porter County, Indiana, 0.5 mile south of Ogden Dunes, about 2.4 miles northwest of Crisman, 7.7 miles east along the New York Central Railroad from the station at Gary, at the Ogden Dunes stop of the Chicago, South Shore, and South Bend Electric Railroad, at the crossing of an asphalt road leading to Ogden Dunes, 39 feet north of the north rail of the New York Central Railroad track, 36 feet east of the centerline of the road, 7.2 feet southeast of utility pole number 312/664, set in the top of a concrete post projecting 0.3 foot above the ground, a standard USC&GS bronze disk, stamped "BM 19 1934 RESET 1946". 610.156

NGVD 1929

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1      National Geodetic Survey,  Retrieval Date = NOVEMBER  9, 2001
ME2130 *****
ME2130 DESIGNATION -  POR 7
ME2130 PID -  ME2130
ME2130 STATE/COUNTY-  IN/PORTER
ME2130 USGS QUAD -  PORTAGE (1992)
ME2130
ME2130 *CURRENT SURVEY CONTROL
ME2130
ME2130* NAD 83(1986)- 41 37 08. (N) 087 10 37. (W) SCALED
ME2130* NAVD 88 - 186.060 (meters) 610.43 (feet) ADJUSTED
ME2130
ME2130 GEOID HEIGHT- -33.58 (meters) GEOID99
ME2130 DYNAMIC HT - 185.993 (meters) 610.21 (feet) COMP
ME2130 MODELED GRAV- 980,254.3 (mgal) NAVD 88
ME2130
ME2130 VERT ORDER - FIRST CLASS II
ME2130
ME2130.The horizontal coordinates were scaled from a topographic map and have
ME2130.an estimated accuracy of +/- 6 seconds.
ME2130
ME2130.The orthometric height was determined by differential leveling
ME2130.and adjusted by the National Geodetic Survey in June 1991.
ME2130
ME2130.The geoid height was determined by GEOID99.
ME2130
ME2130.The dynamic height is computed by dividing the NAVD 88
ME2130.geopotential number by the normal gravity value computed on the
ME2130.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
ME2130.degrees latitude (g = 980.6199 gals.).
ME2130
ME2130.The modeled gravity was interpolated from observed gravity values.
ME2130
ME2130; North East Units Estimated Accuracy
ME2130;SPC IN W - 707,290. 892,200. MT (+/- 180 meters Scaled)
ME2130
ME2130 SUPERSEDED SURVEY CONTROL
ME2130
ME2130 NGVD 29 - 186.155 (m) 610.74 (f) ADJUSTED 1 2
ME2130
ME2130.Superseded values are not recommended for survey control.
ME2130.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
ME2130.See file dsdata.txt to determine how the superseded data were derived.
ME2130
ME2130_MARKER: DB = BENCH MARK DISK
ME2130_SETTING: 37 = MASSIVE RETAINING WALL
ME2130_STAMPING: POR 7 1955
ME2130_MARK LOGO: INFCC
ME2130_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
ME2130
ME2130 HISTORY - Date Condition Report By
ME2130 HISTORY - 1955 MONUMENTED INFCC
ME2130 HISTORY - 1985 GOOD NGS
ME2130
ME2130 STATION DESCRIPTION
ME2130
ME2130'DESCRIBED BY NATIONAL GEODETIC SURVEY 1985
ME2130'14.0 KM (8.7 MI) EAST FROM GARY.
ME2130'14.0 KM (8.7 MI) EASTERLY ALONG U.S. HIGHWAY 12 FROM ITS JUNCTION WITH
ME2130'STATE HIGHWAY 53 (BROADWAY STREET) IN GARY, IN THE WEST END OF THE
ME2130'NORTH CONCRETE RETAINING WALL OF THE WEST ABUTMENT OF THE CONRAIL
ME2130'RAILROAD BRIDGE SPANNING THE BURNS WATERWAY, 72.2 M (236.9 FT) NORTH
ME2130'OF THE CENTER OF THE WEST BOUND LANES OF THE HIGHWAY, 2.8 M (9.2 FT)
ME2130'NORTH OF THE NEAR RAIL, AND 0.3 M (1.0 FT) EAST OF THE WEST END OF THE
ME2130'RETAINING WALL.
ME2130'THE MARK IS 0.3 M BELOW THE TRACKS.

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1      National Geodetic Survey,   Retrieval Date = NOVEMBER  9, 2001
ME1046 *****
ME1046 DESIGNATION - B 19 RESET
ME1046 PID - ME1046
ME1046 STATE/COUNTY- IN/PORTER
ME1046 USGS QUAD - PORTAGE (1992)
ME1046
ME1046 *CURRENT SURVEY CONTROL
ME1046
ME1046* NAD 83(1986)- 41 37 01. (N) 087 11 22. (W) SCALED
ME1046* NAVD 88 - 185.888 (meters) 609.87 (feet) ADJUSTED
ME1046
ME1046 GEOID HEIGHT- -33.58 (meters) GEOID99
ME1046 DYNAMIC HT - 185.820 (meters) 609.64 (feet) COMP
ME1046 MODELED GRAV- 980,254.0 (mgal) NAVD 88
ME1046
ME1046 VERT ORDER - FIRST CLASS II
ME1046
ME1046.The horizontal coordinates were scaled from a topographic map and have
ME1046.an estimated accuracy of +/- 6 seconds.
ME1046
ME1046.The orthometric height was determined by differential leveling
ME1046.and adjusted by the National Geodetic Survey in June 1991.
ME1046
ME1046.The geoid height was determined by GEOID99.
ME1046
ME1046.The dynamic height is computed by dividing the NAVD 88
ME1046.geopotential number by the normal gravity value computed on the
ME1046.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
ME1046.degrees latitude (g = 980.6199 gals.).
ME1046
ME1046.The modeled gravity was interpolated from observed gravity values.
ME1046
ME1046; North East Units Estimated Accuracy
ME1046;SPC IN W - 707,080. 891,160. MT (+/- 180 meters
Scaled)
ME1046
ME1046 SUPERSEDED SURVEY CONTROL
ME1046
ME1046 NGVD 29 - 185.984 (m) 610.18 (f) ADJUSTED 1 2
ME1046
ME1046.Superseded values are not recommended for survey control.
ME1046.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
ME1046.See file dsdata.txt to determine how the superseded data were derived.
ME1046
ME1046_MARKER: DB = BENCH MARK DISK
ME1046_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
ME1046_STAMPING: B 19 RESET 1946
ME1046_MARK LOGO: CGS
ME1046_PROJECTION: FLUSH
ME1046_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
ME1046+STABILITY: SURFACE MOTION
ME1046
ME1046 HISTORY - Date Condition Report By
ME1046 HISTORY - 1946 MONUMENTED CGS
ME1046 HISTORY - 1955 GOOD NGS
ME1046 HISTORY - 1983 GOOD LOCSUR
ME1046 HISTORY - 1985 GOOD NGS
ME1046

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ME1046 STATION DESCRIPTION
 ME1046
 ME1046'DESCRIBED BY COAST AND GEODETIC SURVEY 1946
 ME1046'7.7 MI E FROM GARY.
 ME1046'IN PORTER COUNTY, ABOUT 7.7 MILES EAST ALONG THE NEW YORK CENTRAL
 ME1046'RAILROAD FROM THE STATION AT GARY, LAKE COUNTY, AT OGDEN DUNES
 ME1046'STOP ON THE CHICAGO, SOUTH SHORE AND SOUTH BEND (ELECTRIC)
 ME1046'RAILROAD, ABOUT 6 RAILS EAST OF N.Y.C.R.R. MILEPOST C 34,
 ME1046'AT THE CROSSING OF A TAR ROAD LEADING TO OGDEN DUNES, 39 FEET NORTH
 ME1046'OF THE NORTH RAIL OF THE N.Y.C.R.R., 36 FEET EAST OF THE CENTER
 ME1046'LINE OF THE ROAD, AND ABOUT LEVEL WITH THE TRACK. A BRONZE DISK,
 ME1046'STAMPED B 19 1934 RESET 1946 AND SET IN THE TOP OF A CONCRETE
 ME1046'POST PROJECTING ABOUT 4 INCHES ABOVE GROUND. NOTE-- 7.2 FEET
 ME1046'EAST OF POLE 312/664.
 ME1046
 ME1046 STATION RECOVERY (1955)
 ME1046
 ME1046'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1955
 ME1046'RECOVERED IN GOOD CONDITION.
 ME1046
 ME1046 STATION RECOVERY (1983)
 ME1046
 ME1046'RECOVERY NOTE BY LOCAL SURVEYOR (INDIVIDUAL OR FIRM) 1983
 ME1046'42' EAST OF CENTERLINE OF OGDEN DUNES RD. 39.9' NORTH OF NORTH RAIL
 ME1046'OF NYC RR- 4.3' NORTHEAST OF POWER POLE- 7.6' SOUTHEAST OF SOUTHEAST
 ME1046'CORNER OF PHONE BOOTH-
 ME1046
 ME1046 STATION RECOVERY (1985)
 ME1046
 ME1046'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1985
 ME1046'RECOVERED IN GOOD CONDITION. A NEW DESCRIPTION FOLLOWS. 13.0 KM
 ME1046'(8.05 MI) EASTERLY ALONG U.S. HIGHWAY 12 FEOM ITS JUNCTION WITH STATE
 ME1046'HIGHWAY 53 (BROADWAY STREET) IN GARY, 57.0 M (187.0 FT) NORTH OF THE
 ME1046'CENTERLINE OF THE HIGHWAY, 13.0 M (42.7 FT) EAST OF THE CENTER OF A
 ME1046'ROAD LEADING NORTH TO THE OGDEN COMMUNITY CHURCH, 11.9 M (39.0 FT)
 ME1046'NORTH OF THE NEAR RAIL OF THE CONRAIL RAILROAD, 2.3 M (7.5 FT)
 ME1046'SOUTHEAST OF A UTILITY POLE WITH A METER, AND 1.3 M (4.3 FT) NORTH OF
 ME1046'A UTILITY POLE.
 ME1046'THE MARK IS 0.3 METERS S FROM A WITNESS POST
 ME1046'THE MARK IS ABOVE LEVEL WITH THE ROAD.

USC&GS BM U 148 *NGS Reports this mark as destroyed.*

In Porter County, Indiana, about 2.5 miles northwest of Crisman, 0.6 mile southwest of Ogden Dunes, 0.6 mile west along the New York Central Railroad from the crossing of an asphalt road leading to Ogden Dunes, 7.1 miles east along the New York Central Railroad from the station at Gary, at semaphore number 506/1, in the top of the northwest corner of the concrete base of the semaphore, 9 feet north of the north rail of the north track, 1.2 feet above the ground, 0.9 foot below the north track, 1.2 feet above the ground, 0.9 foot below the top of the rail, a standard USC&GS bronze disk, stamped "U 148 1946". ~~610.714~~

USC&GS BM S 148 *NGS Reports this mark as destroyed.*

In Porter County, Indiana, about 0.8 mile north along Crisman Road from the Portage Township High School at Crisman, at the intersection of U.S. Highway 20, in the southwest quarter of the intersection, about 60 yards southwest of the southwest corner of Soule's Restaurant, 47 feet south of the south edge of the U.S. Highway 20 pavement, 29 feet west of the centerline of Crisman Road, 14 feet northwest of a 40-inch oak tree, about 2.5 feet above the roadway, set in the top of a concrete post projecting about 0.2 foot above the ground, a standard USC&GS bronze disk, stamped "S 148 1946". ~~634.877~~

USC&GS BM T 148 *NGS Reports this mark as destroyed.*

In Porter County, Indiana, about 1.7 miles north along Crisman Road from the Portage Township High School at Crisman, about 0.45 mile south along Crisman Road from the junction of U.S. Highway 12, 0.2 mile southeast of the confluence of Burns Ditch and the Little Calumet Rivet, at a wooden-deck steel truss bridge over the Little River, in the top of the southeast wingwall, 12 feet east of the centerline of the road, about level with the roadway, a standard USC&GS bronze disk, stamped "T 148 1946". ~~601.236~~

TBM SC 1

In Porter County, Indiana, about 1.7 miles north along Crisman Road from the Portage Township High School at Crisman, Indiana, about 0.45 mile south of the junction of U.S. Highway 12, at a wooden-deck steel truss bridge over the Little Calumet River, on the top of the northwest wingwall, 16 feet west of the centerline of the road, 11 feet southeast of the northwest end of the wingwall, 4 feet north of the north end of the bridge, a chiseled square. 601.225

TBM SC 2

In Porter County, Indiana 3.5 east of the Lake-Porter County Line, 1.9 miles southeast of Ogden Dunes, 1.9 miles northeast of Crisman, 0.3 mile west of the confluence of Salt Creek and the Little Calumet River, 0.6 mile south of U.S. Highway 12, at a wooden-deck steel girder bridge over Little Calumet River, 25 feet south of the north end of the bridge, 12 feet west of the centerline of the road, 2.1 feet below the roadway, on the top of the northwest concrete filled steel tubular pier, a chiseled square. 598.632

TBM SC 3

In Porter County, Indiana, 3.5 miles east of the Lake-Porter County Line, 1.9 miles southeast of Ogden Dunes, 1.9 miles northeast of Crisman, 0.3 mile west of the confluence of Salt Creek and the Little Calumet River, 0.6 mile south of U.S. Highway 12, at a wooden-deck steel bridge over the Little Calumet River, 25 feet south of the north end of the bridge, 11 feet east of the centerline of the road, 2.0 feet below the roadway, on the top of the northeast concrete filled steel tubular pier, a chiseled square. 598.565

TBM SC 4

In Porter County, Indiana, 3.5 miles east of the Lake-Porter County Line, 1.9 miles southeast of Ogden Dunes, 1.9 miles northeast of Crisman, 0.3 mile west of the confluence of Salt Creek and the Little Calumet River, 0.6 mile south of U.S. Highway 12, at a wooden-deck steel girder bridge over the Little Calumet River, 25 feet north of the south end of the bridge, 11 feet west of the centerline of the road, 2.0 feet below the roadway, on the top of the southwest concrete filled steel tubular pier, a chiseled square. 598.459

BM POR 9

In Porter County, Indiana, 3.5 miles east of the Lake-Porter County Line, 1.9 miles southeast of Ogden Dunes, 1.9 miles northeast of Crisman, 0.3 mile west of the confluence of Salt Creek and the Little Calumet River, 0.6 mile south of U.S. Highway 12, at a wooden-deck steel girder bridge over the Little Calumet River, 24 feet north of the south end of the bridge, 11 feet east of the centerline of the road, 2.3 feet below the roadway, set in the top of the southeast concrete filled steel tubular pier, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 9 1955". 598.299

BM POR 13

In Porter County, Indiana, about 4.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 0.3 mile south to the end of a road, 0.2 mile north of the Little Calumet River, 40 feet north of a drive into a residence, 13 feet east of the centerline of the road leading south, 2.5 feet northwest of a power pole, set in the top of a concrete post projecting 0.2 foot above the ground, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 13 1955". 615.613

USGS BM TT 13

In Porter County, Indiana, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line; about 2.8 miles west along the New York Central Railroad from the station at Porter, 0.09 mile southwest of the overhead crossing of the New York Central Railroad over U.S. Highway 12, about 135 feet south of the Chicago, South Shore and South Bend Railroad Bridge over an abandoned road, about 19 yards northeast of a concrete monument marking the Dunes Highway, in the southwest quarter of the intersection of the north-south road and U.S. Highway 12, about 36 feet southwest of the centerline of the north-south road, about 25 feet southeast of the highway, set in the top of a concrete post projecting 0.3 foot above the ground a standard USGS bronze disk, stamped "TT 13 WO 1934 635". *Not Found* 634.717

USGS RM 635.6

In Porter County, Indiana, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, about 2.8 miles west along the New York Central Railroad from the station at Porter, 0.07 mile southwest of the overhead crossing of the New York Central Railroad over U.S. Highway 12, about 55 feet northeast of the U.S. Geological Survey bench mark TT 13 WO 1934, at a highway culvert, on the top of the southeast concrete headwall, about 20 feet southeast of the centerline of the highway, 0.3 foot southwest of the northeast end of the headwall, a chiseled square, marked by painted letters "RM 635.6". 635.235

USC&GS BM OGDEN 1952

In Porter County, Indiana, about 5.1 miles east along U.S. Highway 12 from the Lake-Porter County Line, about 2.8 miles west along the New York Central Railroad from the station at Porter, about 0.17 mile southwest of the New York Central Railroad overhead crossing over U.S. Highway 12, about 105 yards southwest of the centerline of a road leading south, about 220 feet southwest of a concrete monument marking the Dunes Highway, about 20 feet southeast of centerline of the highway, 1.8 feet southwest of utility pole number L 3-160, a standard USC&GS triangulation station azimuth mark, stamped "OGDEN 1952".

Not Found ~~633.908~~

BM POR 14

In Porter County, Indiana, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 0.25 mile south to the north one of two bridges, 2.5 miles west of Porter, at a single span steel truss bridge over the Little Calumet River, 12 feet west of the centerline of the road, 1.5 feet north of the south end of the bridge, 1.0 foot below the roadway, set in the top of the west end of the south bridge seat, an Indiana Flood Control and Water Resources Commission standard bronze bench mark tablet, stamped "POR 14 1955".

Not Found ~~607.807~~

TBM LCR 38

In Porter County, Indiana, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 0.3 mile south to the south one of two bridges, 2.5 miles west of Porter, a single span steel truss bridge, 12 feet west of the center line of the road, 9 feet south of the south end of the bridge, 1.0 foot below the roadway, on the top of the southwest wingwall, a chiseled cross.

Not Found ~~605.564~~

BM POR 15

In Porter County, Indiana, 2.1 miles west of Porter, 0.4 mile southeast along the New York Central Railroad from its overpass over U.S. Highway 12, about 5.2 miles east along U.S. Highway 12, from the Lake-Porter County Line, thence 0.4 mile south, thence 0.5 mile east along a gravel and dirt road to the end of the road at the New York Central Railroad, thence 0.15 mile northwest along the railroad to the bridge over the Little Calumet River, in the center of the southeast quarter of the bridge, 5.5 feet south of the south rail of the tracks, 3.5 feet below the top of the rail, 0.2 foot west of the west face of the east abutment of the bridge, set in the top of the bridge seat, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 15 1955".

630.378

TBM LCR 39

In Porter County, Indiana, 2.1 miles west of Porter, 0.4 mile southeast from the New York Central Railroad overpass over U.S. Highway 12, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 0.4 mile south, thence 0.5 mile east along a gravel and dirt road to the end of the road at the railroad, thence 0.15 mile northwest along the railroad to the New York Central Railroad Bridge over the Little Calumet River, 7 feet north of the north rail of the tracks, 3.4 feet below the top of the rail, 1.6 feet east of west end of the bridge, at the northeast corner of the west bridge seat, a chiseled square.

630.497

TBM LCR 40

In Porter County, Indiana, 1.5 miles west of Porter, 0.8 miles due north and across the New York Central Railroad from U.S. Highway 20, about 5.2 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 0.4 mile south, thence 0.9 mile east along the railroad to an abandoned crossing of the New York Central Railroad, thence 0.15 mile north across the railroad to the end of the road; 1.5 miles west along an east-west road; 1.5 mile north across the railroad to the end of the road; 1.5 miles west along an east-west road from the Yost School at Porter, thence 0.15 mile north across the railroad to the end of the road; 1.5 miles west along an east-west road from the Yost School at Porter, thence 0.15 mile north, 0.2 mile south of the Little Calumet River, 47 feet east of the centerline of the road, in the west side of a 30-inch tree, 0.3 foot above the ground, a railroad spike. 637.322

BM POR 16

In Porter County, Indiana, about 0.8 mile west along an east-west road from the Yost School at Porter, thence 0.25 mile northeast along U.S. Highway 20, thence 0.35 mile generally northwest, at a steel deck-girder bridge over the Little Calumet River, 13 feet southwest of the centerline of the road, 0.4 foot northwest of the southeast end of the bridge, set in the top of the end of the southwest abutment, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 16 1955". 613.725

BM POR 17

In Porter County, Indiana, about 0.8 mile west along an east-west road from the Yost School at Porter, thence 0.5 mile northeast along U.S. Highway 20, at the U.S. Highway 20 Bridge over the Little Calumet River, 25 feet southeast of the centerline of the highway, 1.0 foot southwest of the northeast end of the bridge, set in the top of the northeast abutment, level with the roadway, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 17 1955". 621.443

USGS RM 1 PORTER

In Porter County, Indiana, 0.05 mile east of the U.S. Highway 20 bridge over the Little Calumet River, about 0.5 mile west along an east-west road from the Yost School at Porter, thence 0.35 mile north to the U.S. Geological Survey stream gaging station, at the steel truss bridge over the Little Calumet River, 10 feet west of the centerline of the road, 0.8 foot below the roadway, 0.6 foot south of the face of the south abutment, on the top of the southwest wingwall, a chiseled square. 616.506

USGS RM 2 PORTER

In Porter County, Indiana, 0.05 mile east of the U.S. Highway 20 bridge over the Little Calumet River, about 0.5 mile west along an east-west road from the Yost School at Porter, thence 0.35 mile north to the U.S. Geological Survey stream gaging station, at the steel truss bridge over the Little Calumet River, 10 feet west of the centerline of the road, 0.6 foot north of the face of the north abutment, 0.4 foot below the roadway, on the top of the northwest wingwall, a chiseled square. 616.742

USGS RP Porter

In Porter County, Indiana, 0.05 mile east of the U.S. Highway 20 bridge over the Little Calumet River, about 0.5 mile west along an east-west road from the Yost School at Porter, thence 0.35 mile north to the U.S. Geological Survey stream gaging station, at the steel truss bridge over the Little Calumet River, 20 feet south of the north end of the bridge, 9 feet west of the centerline of the road, 5 feet above the bridge floor, set in the west edge of the west guardrail, a chiseled V. 622.009

BM POR 18

In Porter County, Indiana, about 0.4 mile north from the Yost School at Porter, at a steel girder bridge over the Little Calumet River, 20 feet east of the centerline of the road, 1.0 foot north of the face of the north abutment, 1.0 foot below the sidewalk, set in the top of the east end of the north abutment, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 18 1955".

615.676

USC&GS BM Y 18

In Porter County, Indiana, at Porter, about 0.4 mile west of the Pere Marquette Railway office and station, about 0.1 mile southwest of the New York Central Railroad Station, in the angle of the crossing of two New York Central Railroads, about 45 feet southeast of the southeast rail of the southwest-northeast New York Central Railroad about 25 feet north of the north rail of the north track of the New York Central Railroad and Pere Marquette Railway, 39 feet southeast of utility pole number 30 M, set in the top of a concrete post projecting 0.1 ft above the ground, a standard USC&GS bronze disk stamped "Y 18 1934". 644.251

Reported Destroyed by NGS

USC&GS BM X 18

In Porter County, Indiana, at Porter, about 0.4 mile west of the Pere Marquette Railway office and station, about 0.1 mile south-southwest of the New York Central Railroad station, at the crossing of a north-south street between Porter and Chesterton, in the east angle of the junction of the Pere Marquette Railway and the New York Central Railroad, about 30 feet east of the centerline of the street, about 12 feet south of the south rail of the Pere Marquette Railway, about 5 feet north of the north rail of the north track of the New York Central Railroad, 1.0 foot west of a white wooden witness post, set in the top of a concrete post projecting 0.1 foot above the ground, a standard USC&GS bronze disk, stamped "X 18 1934". 643.493

Reported Destroyed by NGS

TBM SC 5

In Porter, Indiana, about 3.65 miles east along U.S. Highway 12 from the Lake-Porter County Line, thence 1.2 miles south and across the Little Calumet River to a farm road entrance from Crisman, 0.8 mile north to U.S. Highway 20, thence 1.0 mile east along the highway, thence 0.3 mile north to the farm entrance, 43 feet south of the centerline of the farm road, 14 feet east of the centerline of the north-south road, in the west side of four-pronged locust tree, about 1.0 foot above the ground, a railroad spike. 636.499

BM POR 10

In Porter County, Indiana, 3.8 miles east of the Lake-Porter County Line, 1.7 miles northeast of Crisman, 1.3 miles south of U.S. Highway 12, at the U.S. Highway 20 single-span concrete arch bridge over Salt Creek, 25 feet south of the centerline of the highway, 0.7 foot east of the west end of the bridge, set in the top of the southwest wingwall, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 10 1955". 617.644

USGS R.M. 1 McCOOL

In Porter County, Indiana, 4.0 miles east of the Lake-Porter County Line, reached from Crisman by going 0.5 mile north, thence 1.5 miles east to a concrete-deck steel girder bridge over Salt Creek, 0.3 mile south of U.S. Highway 20, at a U.S. Geological Survey stream gaging station, 10 feet north of the centerline of the road, 0.5 foot below the roadway, 0.2 foot west of the west end of the north steel girder, on the top of the north steel girder, on the top of the north end of the west abutment, a chiseled V.

609.681

USGS R.M. 2 McCOOL

In Porter County, Indiana, 4.0 miles east of the Lake-Porter County Line, reached from Crisman by going 0.5 mile north, thence 1.5 miles east to a concrete-deck steel girder bridge over Salt Creek, 0.3 mile south of U.S. Highway 20, at the U.S. Geological Survey stream gaging station, 11 feet south of the centerline of the road, 0.2 foot east of the east end of the south steel girder, 0.5 foot below the roadway, on the top of the abutment, a chiseled square. 609.643

USGS RP McCOOL

In Porter County, Indiana, 4.0 miles east of the Lake-Porter County Line, reached from Crisman by going 0.5 mile north, thence 1.5 miles east to a concrete-deck steel girder bridge over Salt Creek, 0.3 mile south of U.S. Highway 20, at the U.S. Geological Survey stream gaging station, 34 feet east of the west end of the south steel girder, 10 feet south of the centerline of the road, 2.2 feet above the roadway at the south edge of the south steel girder, on the top of the south steel girder, a chiseled V. 612.436

BM POR 11

In Porter County, Indiana, 4.0 miles east of the Lake-Porter County Line, reached from Crisman by going 0.5 mile north, thence 1.5 miles east to a bridge over Salt Creek, 24 feet south of the centerline of the county road, 24 feet south of the centerline of the country road, on the northwest wingwall of the New York Central Railroad Bridge over Salt Creek, 1.6 feet east of the west end of the northwest wingwall, 1.5 feet above the roadway, 0.7 foot south of the north edge of the wingwall, set in the top of the wingwall, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 11 1955". 612.520

TBM SC 6

In Porter County, Indiana, 4.0 miles east of the Lake-Porter County Line, 0.8 mile south of U.S. Highway 20, 1.4 miles east along a county road from Crisman, 20 feet east of the middle of the bridge, 17 feet north of the centerline of the road, in the south side of the southwest prong of a triple-pronged box elder tree, 1.2 feet above ground, a railroad spike. 612.545

USC&GS BM R 148

In Porter County, Indiana, at Crisman, at the Portage Township High School, in the east wall of the building, 16 feet north of the southeast corner, 2.1 feet above ground, set vertically in the wall, a standard USC&GS bronze disk, stamped "R 148 1946". NGS Reports Good Condition in 1985 650.806 NGVD 1929
650.51 NAVD 1988

TBM SC 7

In Porter County, Indiana, 1.6 miles east along a county road from Crisman, thence 0.25 mile south to a T-road junction leading east, thence 0.6 mile east and north, at a right angle turn in the road, 0.1 mile east of Salt Creek, 34 feet east of the extended centerline of the road leading south, 8 feet north of the extended centerline of the road leading east, in the southwest side of an 18-inch ash tree, 1.0 foot above the ground, a railroad spike. 638.305

BM POR 12

In Porter County, Indiana, 1.6 miles east along a county road from Crisman, thence 0.25 mile south to a T-road junction leading east, thence 0.35 mile generally east to a steel truss bridge over Salt Creek, 8.4 feet south of the centerline of the road, 1.2 feet below the roadway, 1.0 foot east of the west face of the east abutment, set in the top of the abutment, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 12 1955". Reported Destroyed Aug. 7, 1968 609.393

USC&GS R 140

In Jasper County, about 3.35 miles south along a gravel road from the Presbyterian Church at Range Line, at Newton-Jasper County Line road bridge over the Kankakee River, on the southwest concrete wingwall of a 162-foot single span steel truss bridge, 17 feet west of the center line of the road, 5 feet southwest of the south end of the west steel bridge railing, about level with the bridge floor, a standard U.S.C.&G.S. bronze tablet, stamped "R 140 1946".

645.563

TBM KK 43

In Porter County, near the Lake-Porter County Line, along the right bank of the Kankakee River, at river mile 76.99, in the northwest corner of Sec. 10, T. 32 N., R. 7 W., 3.47 miles upstream from the Newton-Jasper County Line Road Bridge over the Kankakee River, 1.53 miles downstream from the State Road 53 bridge over the Kankakee River, at the downstream end of a 300-foot open section of levee along the right bank, 20 feet downstream from a 24-inch elm tree blazed on the streamward side at the landward edge of the right levee, 14 feet landward from the center line of the levee, 1.5 feet above the top of the levee, in the streamward side of a 24-inch maple tree blazed on the streamward side, a railroad spike driven through a brass plate, stamped "TBM KK 43 1955".

652.748

TBM KK 44 1955

In Porter County, along the right bank of the Kankakee River, at river mile 77.36, in Sec. 3, T. 32 N., R. 7 W., 3.84 miles upstream from the Newton-Jasper County Line Road Bridge over the Kankakee, 1.16 miles downstream from the State Road 53 Bridge over the Kankakee River, in one of two tees on the streamward side of a 240-foot open section of levee along the right bank of the river, directly streamward from a multi-pronged maple tree on the landward side of the levee, 6 feet streamward from and 2 feet above the crown of the levee, in the landward side of a 14-inch scrub cotton tree, a railroad spike driven through a brass plate, stamped "TBM KK 44 1955".

654.357

TBM KK 45 1955

In Porter County, along the right bank of the Kankakee River, at the river mile 77.93, in Sec. 3, T. 32 N., R. 7 W., 4.41 miles upstream from the Newton-Jasper County Line Road Bridge over the Kankakee River, 0.59 mile downstream from the State Road 53 Bridge over the Kankakee River, 40 feet upstream from two 6 inch Sycamore trees at the landward edge of the top of the right spoil bank, 10 feet landward from and level with the crown of the levee, in the streamward side of the 10-inch trunk of 4 small Birch trees in one clump, a railroad spike driven through a brass plate, stamped "TBM 45 1955".

650.900

TBM K 28-1

In Porter County, about 4.4 miles south along State Road 53 from the Pennsylvania Railroad Station at Hebron, at the Porter Jasper County line formed by the Kankakee River, on the top of the west end of the north concrete pier, 0.7 foot south and 0.5 foot west of the northwest of the northwest anchor bolt, a chiseled square.

649.766

BM POR 1

In Porter County, about 4.4 miles south along State Road 53 from the Pennsylvania Railroad Station at Hebron at the Porter-Jasper County line formed by the Kankakee River, on the northeast pier cap, 1.0 foot north of the northeast bridge seat, 1.0 foot east of the east end of the north concrete floor beam, 8.6 feet below the top of the south end of the northeast concrete guardrail, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 1 1950"

649.781

BM POR 2

In Porter County, about 3.4 miles south-southeast of Hebron, about 2.25 miles south along State Roads 2 and 53 from the Pennsylvania Railroad Station at Hebron to a gravel road east and State Road 2 west, thence 0.7 mile east to a county road leading south, thence 1.4 mile south, at a 120-foot 2-span steel pony truss bridge over the Kankakee River, in the top of the northwest wingwall, 9.9 feet west of and level with the center line of the roadway, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 2 1950". 650.737

BM POR 3

In Porter County, about 4.7 miles east-southeast of Hebron, about 4.55 miles west along State Road 8 from its intersection with State Road 49 at Kouts to the intersection of a cross-roads with a blacktop road leading north and a gravel road leading south, thence 2.4 miles south along the gravel road, at a 110-foot steel truss bridge over the Kankakee River, in the top of the east (right upstream) wingwall, 11 feet southeast of and level with the center line of the roadway, 1.9 feet from the face of the wingwall, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 3 1950". 657.34

TBM K 30-1

In Porter County, about 4.7 miles east-southeast of Hebron, about 4.55 miles west along State Road 8 from its intersection with State Road 49 at Kouts to the intersection of cross-roads with a blacktop road leading north and a gravel road leading south, thence about 2.4 miles south along the gravel road, at a 110-foot steel truss bridge over the Kankakee River, on the southeast (upstream-streamward) corner of the east (right-upstream) wingwall, a chiseled square. 657.13

BM POR 4

In Porter County, about 3.9 miles south-southwest of Knox, 1.55 miles west along State Road 8 from its intersection with State Road 49 at Kouts, thence about 3.2 miles southwest along a blacktop road, at a steel truss bridge over the Kankakee River, in the top of the northeast (right-upstream) wingwall, 11 feet east of and level with the center line of the roadway, a standard Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "POR 4 1950". 659.949

TBM KK 73

In Laporte County, about 1.18 miles west-southwest of Wilders, along the right bank of the Kankakee River, at river mile 95.53 in Sec. 6, T. 32 N., R. 4 W., 3.25 miles upstream from the Dunns bridge over the Kankakee River, at Dunns Bridge, Jasper County, 0.57 mile downstream from a Kankakee River bridge on east line of Sec. 6, T. 32 N., R. 4 W., 230 feet upstream from a tar-paper shack on the right bank, 30 feet landward from the center line of the levee, in the landward side of a 14-inch blazed White Oak tree, 0.9 feet above ground, a railroad spike driven through a brass plate stamped "TBM KK 73 1955". 664.513

INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER
PORTER COUNTY

DNR BM LAKE ELIZA PORTER

In Porter County, Palmer Quad., in the SW ¼ of Section 1, T. 34 N., R. 7 W., 2nd PM.; approximately 2.0 miles southwest of Lake Eliza; at the Lake Eliza control structure; set in the top of the concrete lake level monument on the right bank, 5.15 feet west of the inside face of the right side of the concrete wall of the control structure; a Department of Natural Resources brass control station tablet, stamped "LAKE ELIZA PORTER". 759.062 feet N.G.V.D. 1929

DNR TBM LE 1-09983

In Porter County, Palmer Quad., in the NE ¼ of Section 12, T. 34 N., R. 7 W., 2nd PM.; approximately 0.9 mile southeast of Lake Eliza; at the intersection of the abandoned C & O railroad grade and 500 West Road; set in the west side of a power pole, 129.0 feet north of the centerline of the abandoned railroad grade, 82.2 feet northwest of the northwest corner of a concrete headwall of a culvert under a driveway leading to a one-story white frame house with brick trim, 17.5 feet west of the centerline of 500 West Road, 1.0 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM LE 1-09983".

784.268 feet N.G.V.D. 1929

DNR TBM LE 2-09983

In Porter County, Palmer Quad., in the SW ¼ of Section 1, T. 34 N., R. 7 W., 2nd PM.; approximately 0.2 miles southwest of Lake Eliza; at the Lake Eliza control structure; set in the southeast side of a 20 inch Cottonwood tree, on the right bank (west side) of the outlet channel, 185 feet northwest of the control structure, 35.0 feet northeast of centerline of a dirt road, 1.5 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM LE 2-09983".

740.039 feet N.G.V.D. 1929

DNR TBM LE 3-09983

In Porter County, Palmer Quad., in the SW ¼ of Section 1, T. 34 N., R. 7 W., 2nd PM.; approximately 0.2 miles southwest of Lake Eliza; at the Lake Eliza control structure; set in the west side of a 6.0 inch Cherry tree, 50.0 feet southeast of the northwest end of a fence, 25.0 feet landward of the left bank of the outlet channel, 20.0 feet northeast of the toe of slope of the old railroad grade 1.0 foot southwest of a fence line, 1.0 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM LE 2-09983". 744.982 feet N.G.V.D. 1929

NGVD 1929

DNR TBM EL 1 1979

In Porter County, Palmer Quad., in the NW ¼ of Section 18, T. 34 N., R. 6W., 2nd PM.; approximately 1.8 miles southeast of Lake Eliza; at the 500 West Road bridge over Wolf Creek; set in the top of the southeast end of the bridge floor, 11.8 feet east of the centerline of the road, 0.6 foot north of the south end of the bridge, 0.5 foot west of the east face of the bridge, 0.2 foot below the road; a chiseled triangle. 727.643 feet N.G.V.D. 1929

DNR TBM EL 2 1979

In Porter County, Palmer Quad., in the SW ¼ of Section 7, T. 34 N., R. 6W., 2nd PM.; approximately 1.6 miles southeast of Lake Eliza; approximately 0.25 mile north along 500 West Road from the 500 West Road bridge over Wolf Creek, at a 5.0 foot steel pipe culvert under the road; set in the top of the east end of the culvert, 22.7 feet east of the centerline of the road, 1.0 foot below the road, 0.05 foot west of the east end of the culvert; the center of two filed notches. 731.011 feet N.G.V.D. 1929

DNR TBM 060701-1

In Porter County, in the SW 1/4 Sec. 3, T. 36 N., R. 7W., 2nd PM; set in the southwest corner of railroad bridge over Burns Ditch, near US 20, in the top of the concrete wingwall; approximately 1.3 miles northeast of Lake Station, 6.0 feet south of south most rail, 1.0 foot west of east face concrete wingwall, 1.3 feet south of wood restriction, a chiseled triangle. GPS ELEV. 611.869 ft. NGVD 1929

PORTER COUNTY
MICHIGAN CITY WEST QUAD

MARK	ELEVATION FEET (NGVD 29)
NGS STA POLA 1952	In Porter County, Michigan City West Quad, SE / section 36, T.38N., R.5W., south along the Laporte - Porter County Line road to the intersection of U.S. highway 12 and Woodlawn Ave., set in the triangular grass lot formation. 66.3 feet west of the centerline of U.S. highway 12., 51.8 feet north of the centerline of Woodlawn Avenue, 32.8 feet west of the centerline of County Line road, about level with the ground and set in a concrete post, a standard USC&GS bronze triangulation station tablet stamped "POLA 1952 619.14" 619.101
NGS BM S 18 1934	In Porter County, Michigan City West Quad, SE / section 1, T.37N., R.5W. south along the Laporte - Porter County, line road to its intersection with the Chesapeake and Ohio railroad tracks, set in the southwest quadrant of the intersection, 52.5 feet south of south rail of tracks, 38.4 feet west of the centerline of County Line Road, 14.8 feet east of a Telegraph pole. 0.5 feet above the ground and set in a concrete post a standard USC&GS bench mark tablet stamped "S 18 1934" 630.474
CORP OF ENG BM RED LANTERN 1974	In Porter County, Michigan City West Quad, NE / Section 4, T.37N., R.5W., About 0.95 miles northeast along Lake Front Drive from its intersection with 300 East road to its intersection with Broadway street, at the northeast corner of public parking lot, 66.7 feet north of the centerline of Lake Front Drive, 13.2 feet southeast of power pole #238-978, 1.0 foot south of north concrete headwall, set in a concrete headwall, a Standard Corp of Engineers bronze bench mark tablet stamped " Corps BM RED LANTERN 1974 ELEVATION 26.28 LWD" 604.395

PORTER COUNTY
MICHIGAN CITY WEST QUAD

MARK		ELEVATION FEET (NGVD 29)
DNR TBM POR 51 1988	In Porter County, Michigan City West Quad, NW / section 36, T.38N., R.5W., About 0.75 miles southwest along Beverly Drive form the Laporte - Porter County line to the intersection of Central Avenue, thence 0.33 miles northwest along Central Avenue to a undeveloped lot on the curve of the road. 67.6 feet southeast of powerpole #231 346, 11.7 feet southeast of the centerline of Central Avenue, set flush with the ground in a concrete post and marked with a orange fiberglass witness post, a standard Indiana Department of Natural Resources bronze benchmark tablet stamped "POR 51 1988"	617.660
DNR BM POR 54 1988	In Porter County, Michigan City West Quad, NE / section 35, T.38N., R.5W., About 2.0 miles southwest along Beverly Drive from the Laporte - Porter County line to the intersection of Montana Street, thence 0.6 miles northwest along said street to the intersection of Lake Front Drive, thence 0.3 miles northeast along Lake Front Drive to where the road ends. 37.8 feet northeast of powerpole #952 371, 13.1 feet south of the centerline of Lake Front Drive, 4.1 ft. southwest of a iron gate post, set flush with the ground in a concrete post and marked with a orange fiberglass witness post, a standard Department of Natural Resources bronze bench mark tablet stamped "POR 54 1988"	597.552
DNR BM POR 55 1988	In Porter County, Michigan City W. Quad, near center of section 35, T.38N., R.5W., About 2.0 miles southwest along Beverly Drive from the Laporte - Porter County line, to the intersection of Montana Street, set in the southwest quadrant of the intersection, 27.5 feet southeast of powerpole #218 096, 23.5 feet southwest of the centerline of Montana St., 18.8 feet south of Lake Front drive, set flush with the ground in a concrete post, a standard Department of Natural Resources bronze bench mark tablet stamped "POR 55 1988"	594.108
DNR BM POR 56 1988	In Porter County, Michigan City West Quad, NE / section 3, T.37N., R.5W., About 1.9 miles northwest along Lake Front drive from the intersection of 300 E. Road to the intersection of Merrivale Street, set in the southeast quadrant of the intersection 72.2 feet northeast of powerpole #237 219, 47.8 feet NE of the centerline of Merrivale St., 14.7 feet south of the centerline of Lake Front Drive, set flush with the ground in a conc. post, a standard DNR Disk stamped "POR 57 1988"	610.407

PORTER COUNTY
MICHIGAN CITY WEST QUAD

MARK	ELEVATION FEET (NGVD 29)
DNR BM POR 57 1988	In Porter County, Michigan City west Quad, NE / section 4, T.37N., R.5W., about 0.95 miles northeast along Lake Front Drive from the intersection of 300 East Road, to the intersection of Broadway St., set in the southeast quadrant of the intersection, 54.4 feet northeast of the centerline of Broadway Street, 20.7 feet south of the centerline of Lake Front Drive, 4.3 feet southwest of power pole # 234 880 , set flush with the ground in a conc. post, a standard Department of Natural Resources bronze bench mark tablet "POR 57 1988" 605.149
DNR TBM PLM 01 1988	In Porter County, Michigan City West Quad, SW / section 36,T.38N., R.5W. About 0.75 miles southwest of the Laporte - Porter County Line, at the intersection of Beverly Drive and Central Avenue, set on the northeast quadrant of the intersection set in the NE side of power pole #951 069, 33.8 feet southwest of power pole #234 985, 26.7 feet east of the centerline of Central Avenue, 20.2 feet northeast of the centerline of Beverly Drive, 1.5 feet above the ground, a railroad spike. 601.537
DNR TBM PLM 02 1988	In Porter County, Michigan City West Quad, N / section 2, T.37N., R.5W., about 2 miles southwest along Beverly Drive from the Laporte Porter County line, at the intersection of said street and Montana Street in the northwest quadrant of the intersection, set in the north side of power pole # 957 441, 36.8 feet southwest of the centerline of Montana Street, 33.0 feet southwest of a telephone junction box # 96, 17.7 feet northeast of the centerline of Beverly Drive, 1 foot above the ground, a railroad spike. 607.075

PORTER COUNTY
DUNE ACRES QUAD

MARK		ELEVATION FEET (NGVD 29)
NGS BM U 349 1985	In Porter County, Dune Acres Quadrangle, Northeast / Section 17, T.37N., R.5W., along U.S. highway 12 to the intersection of 300 East Road, set in the southwest quadrant of the intersection, 151.6 feet west of the centerline of 300 east road, 34.1 feet south of the centerline of U.S. 12 , 3.9 feet east of powerpole #228- 859, a chrome steel pin encased in iron pipe with access lid stamped: "U 349 1985"	620.687
DNR BM POR 58 1988	In Porter County, Dune Acres Quadrangle, Southwest / section 4, T.37N., R.5W., along Lake Front Drive to its intersection of 300 east road, set in the southeast quadrant of the intersection, 72.0 feet NE of the extended centerline 300 east road, 14.2 feet south of the centerline of Lake Front Drive, 12.6 feet northeast of powerpole #234-904, set flush with the ground in a concret post, a standard Indiana Department of Natural Resources bronze benchmark tablet stamped "POR 58 1988"	602.488